20070904.0258001

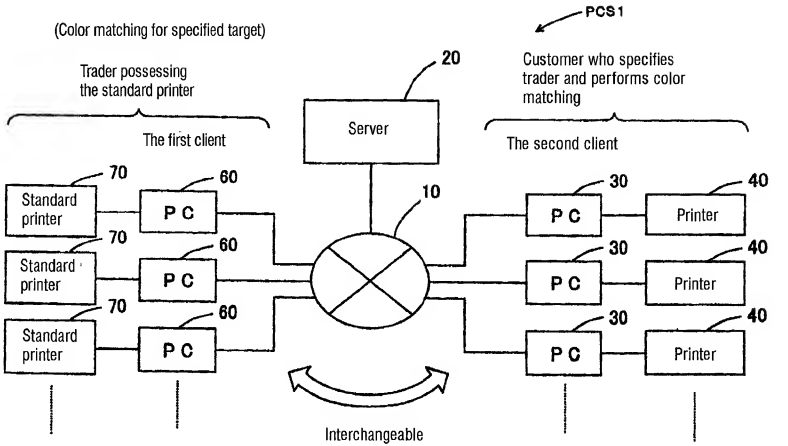


FIG.1

20190408.061702

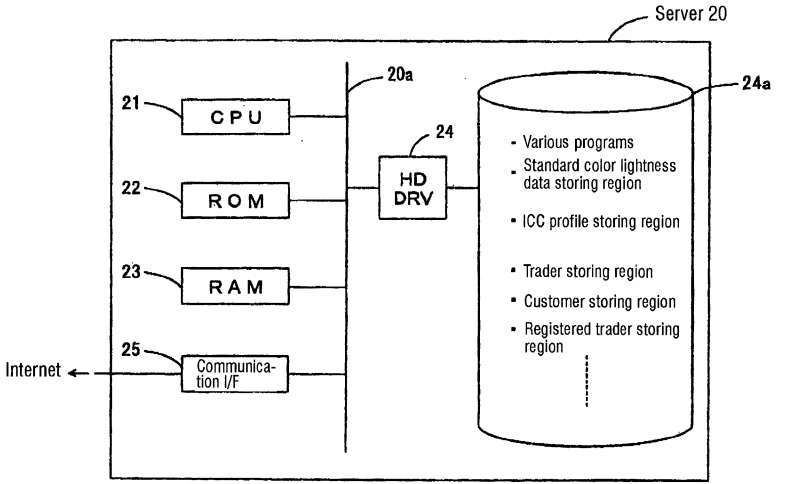


FIG.2

JP2008240.061702

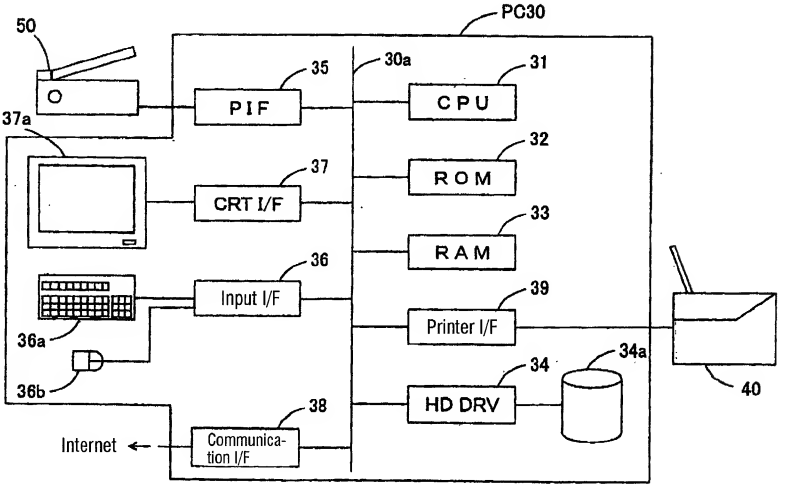


FIG.3

JP2006170258A 20060629

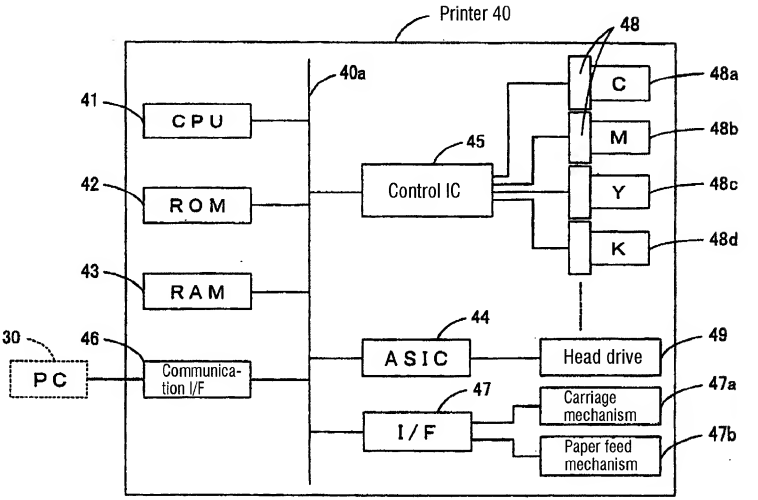


FIG.4

JP2008240702A

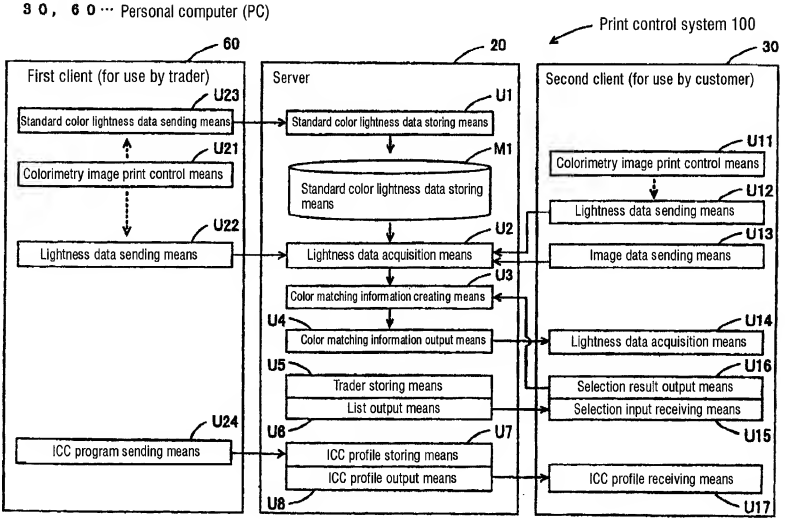


FIG.5

2001-08-30 "0425800"

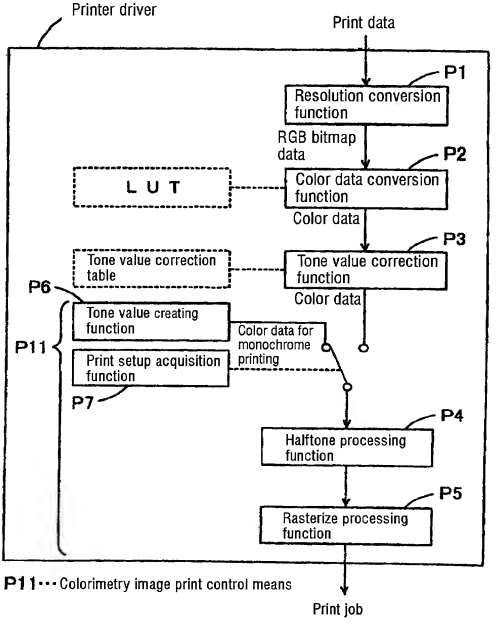


FIG.6

T1

Tone value correction table for cyan

Before correction	After correction
0	0
1	1
2	2
⋮	⋮
128	110
⋮	⋮
255	230

Tone value correction table for magenta

Before correction	After correction
0	0
1	1
2	2
⋮	⋮
128	145
⋮	⋮
255	255

.....

FIG.7

20/50 · 0k2598001

10052540-051702

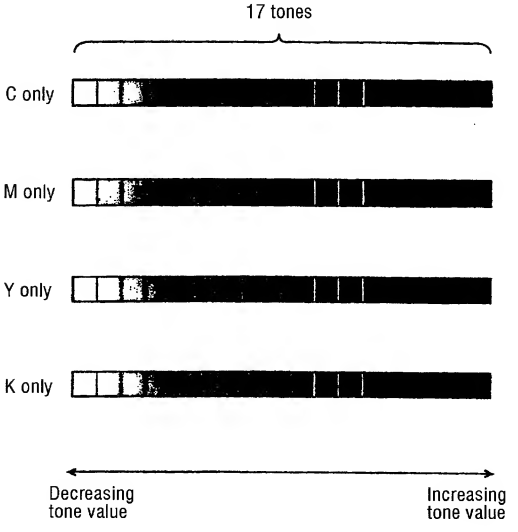


FIG.8

20150702.0852400

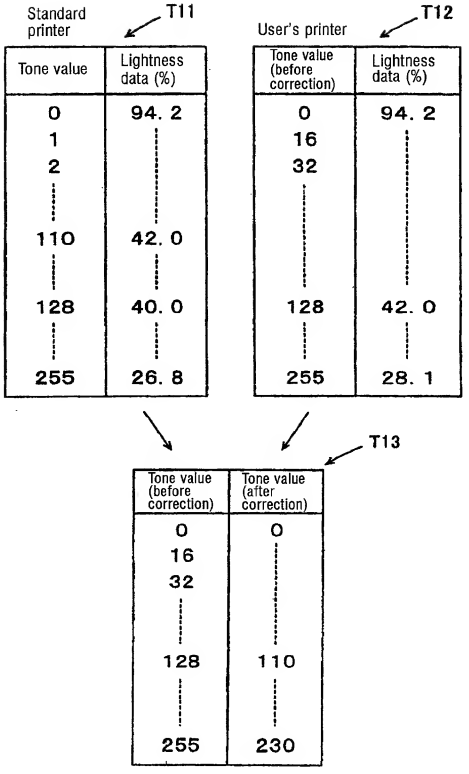


FIG.9

20050134.0-1527

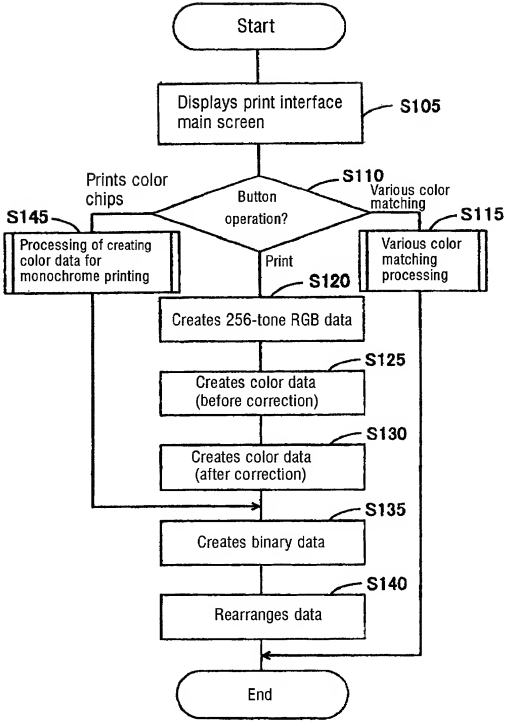


FIG. 10

20050240.0517.02

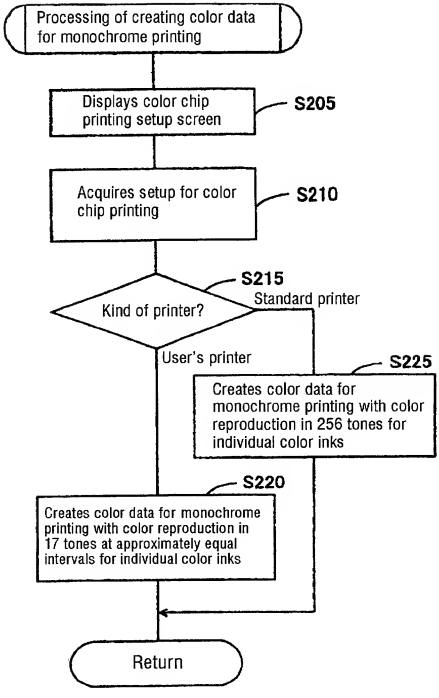


FIG.11

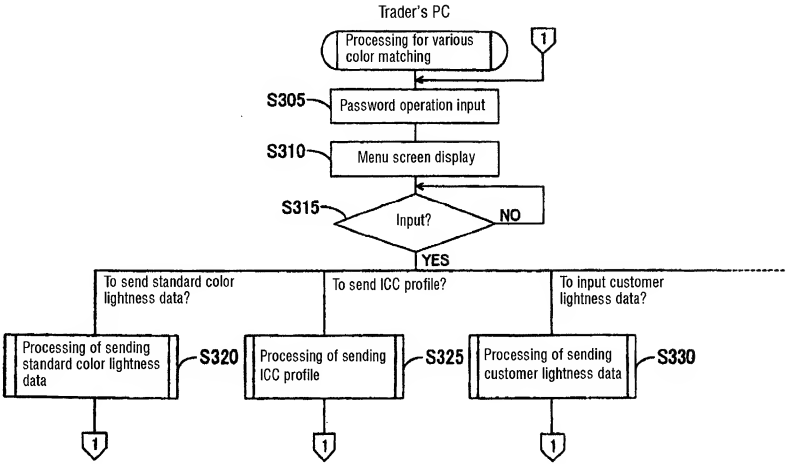

Trader's PC
Processing for various color matching
1
S305
Password operation input
S310
Menu screen display
S315
Input?
NO
YES
To send standard color lightness data?
To send ICC profile?
To input customer lightness data?
Processing of sending standard color lightness data
S320
Processing of sending ICC profile
S325
Processing of sending customer lightness data
S330
1
1
1

FIG.12

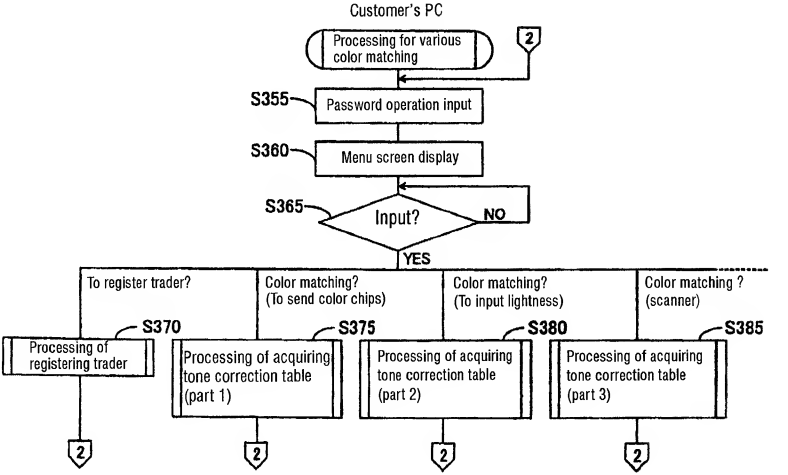

Customer's PC
Processing for various color matching
2
S355
Password operation input
S360
Menu screen display
S365
Input?
NO
YES
To register trader?
Color matching? (To send color chips)
Color matching? (To input lightness)
Color matching ? (scanner)
S370
S375
S380
S385
Processing of registering trader
Processing of acquiring tone correction table (part 1)
Processing of acquiring tone correction table (part 2)
Processing of acquiring tone correction table (part 3)
2
2
2
2

FIG.13

20170504.0125300A1

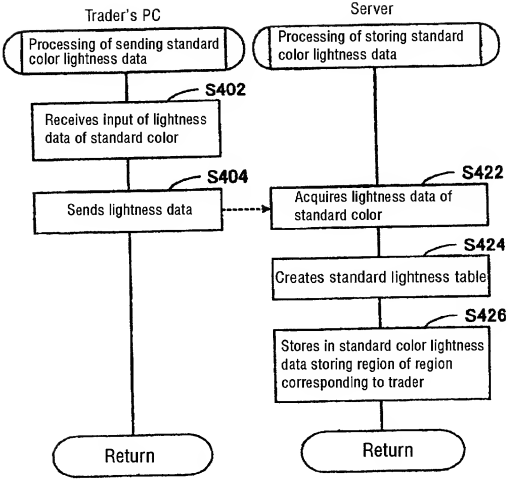


FIG.14

10085240 - 061702

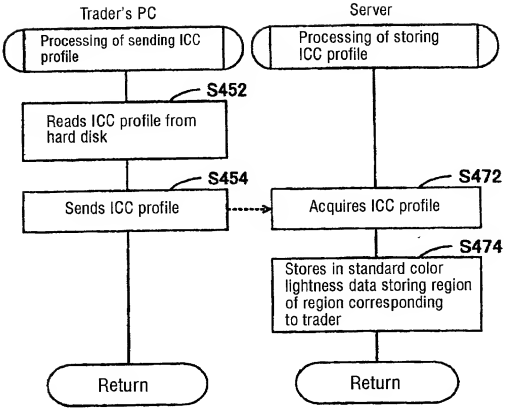


FIG.15

20/7/02 10:08:25 - 0425801

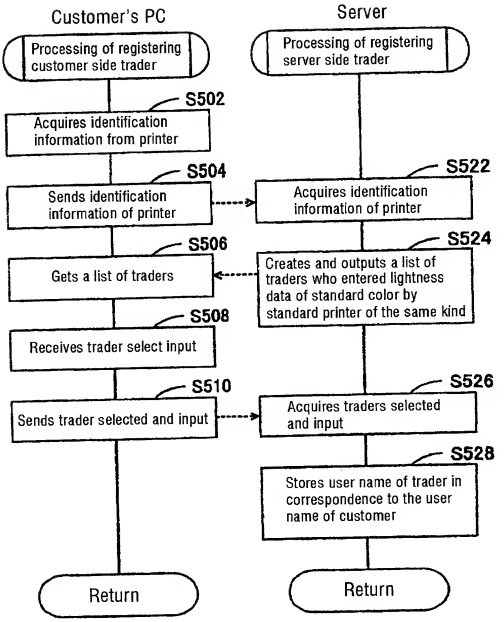


FIG.16

1008524-051702

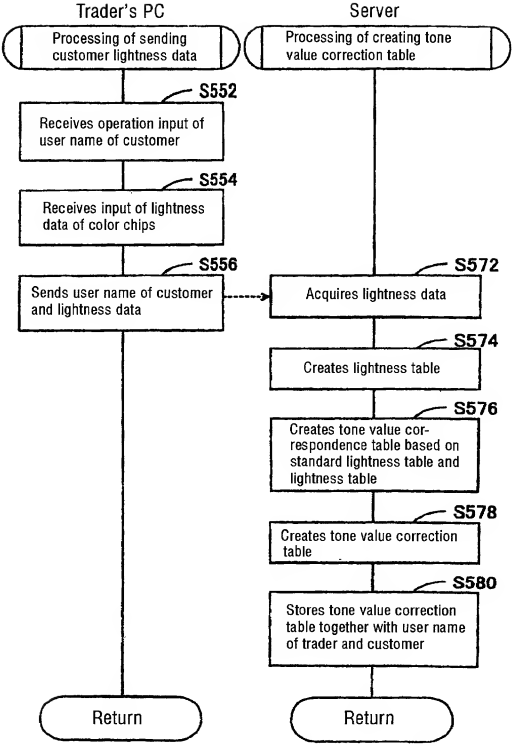


FIG.17

20190-0425801

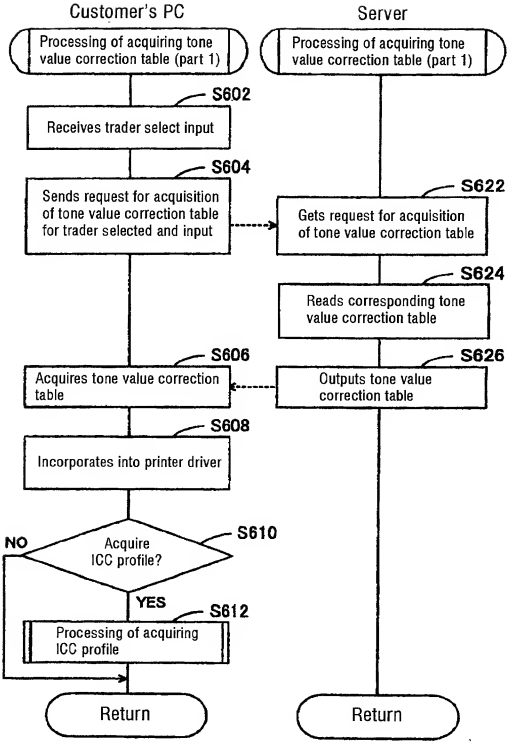


FIG.18

2007-05-02 10:25:40.0

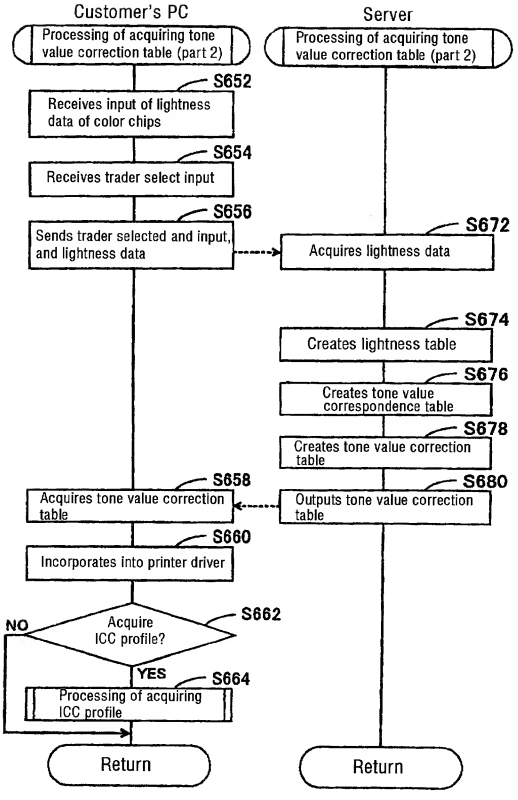


FIG.19

20150-0425800.1

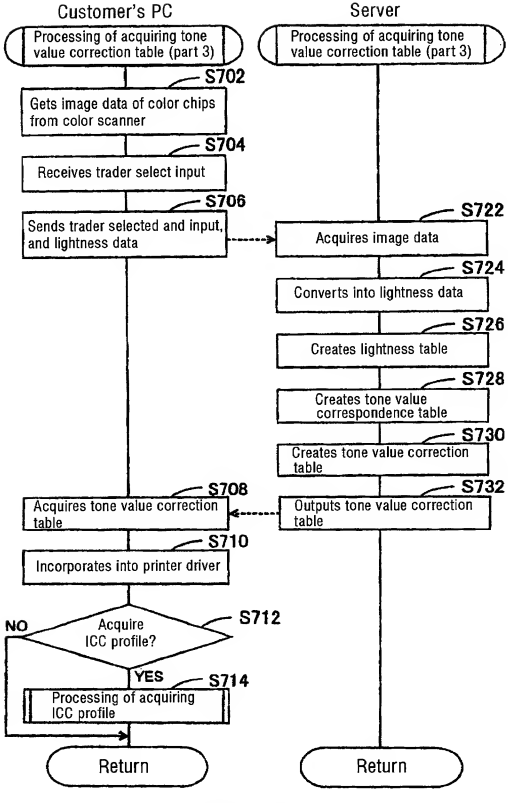


FIG.20

20170209.0540.0095240

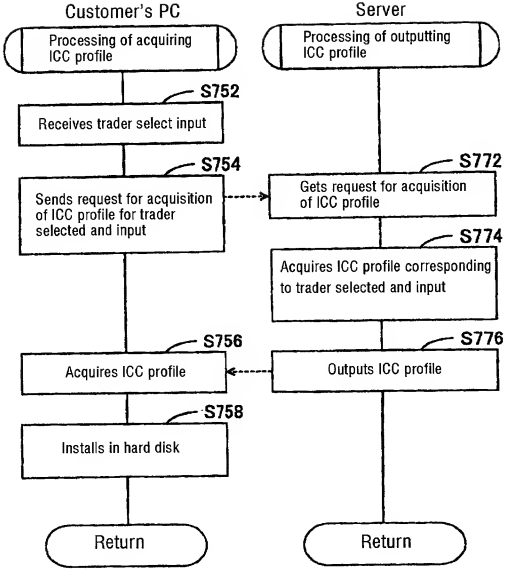


FIG.21

20070904.0825800T

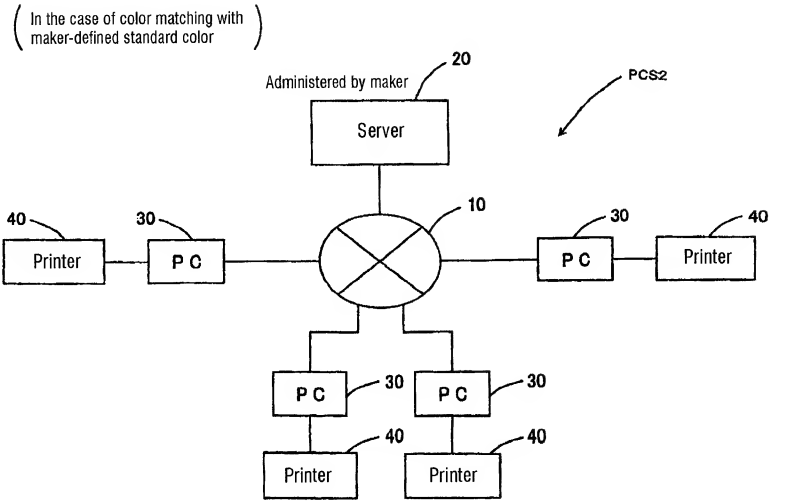


FIG.22

2007901.0425800T

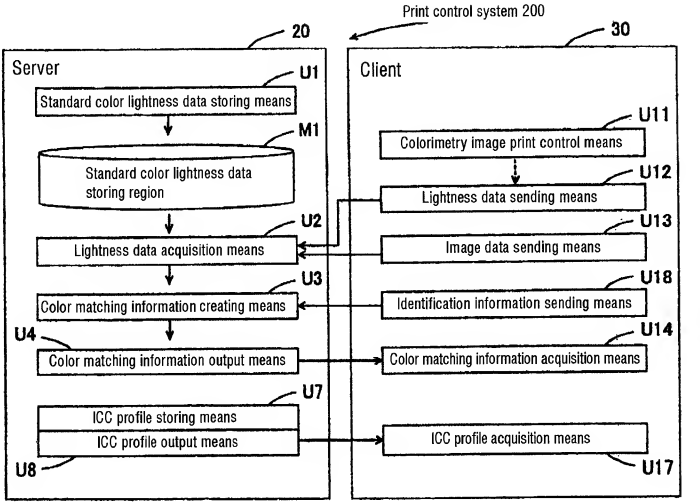


FIG.23

10035240 062202

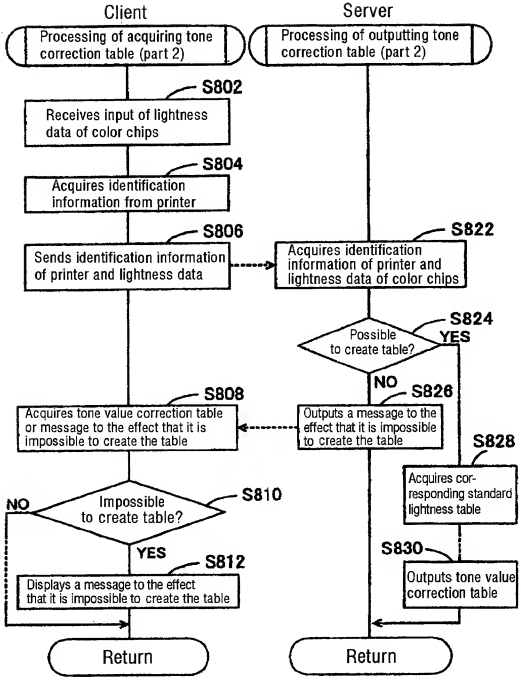


FIG.24

20190-0425801

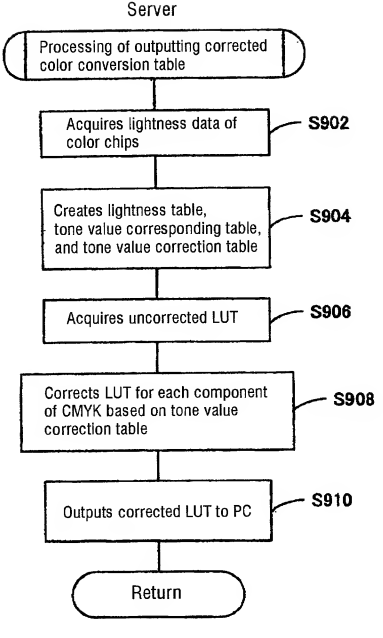


FIG.25

1003540-052702

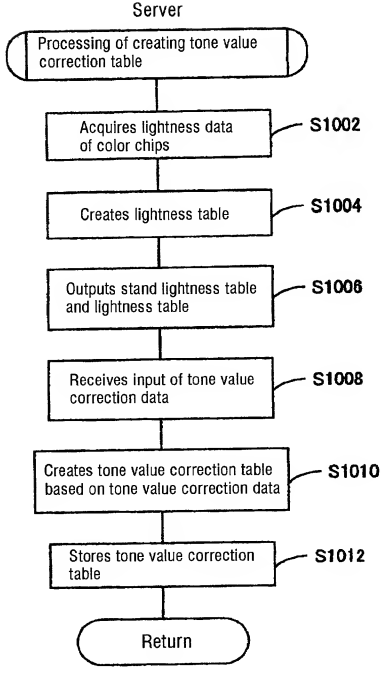


FIG.26

20470"0h2580DT

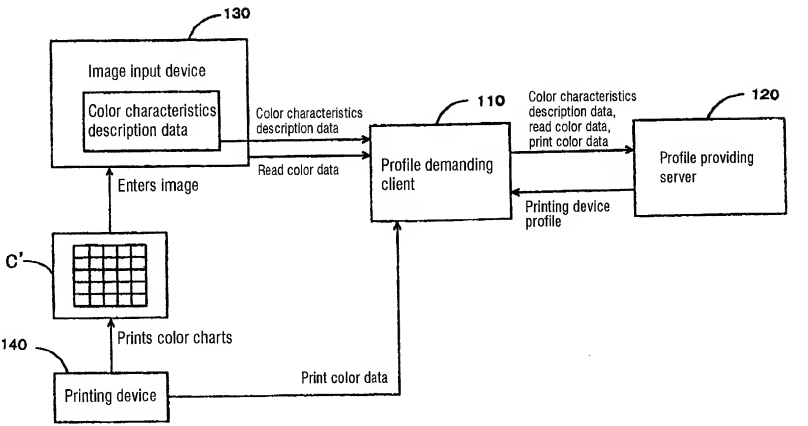


FIG.27

1008524Q .061702

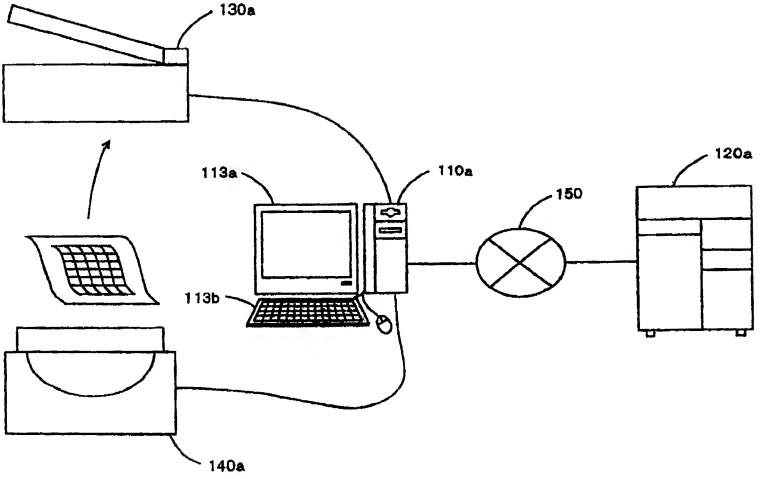


FIG.28

20070852.10852240.061702

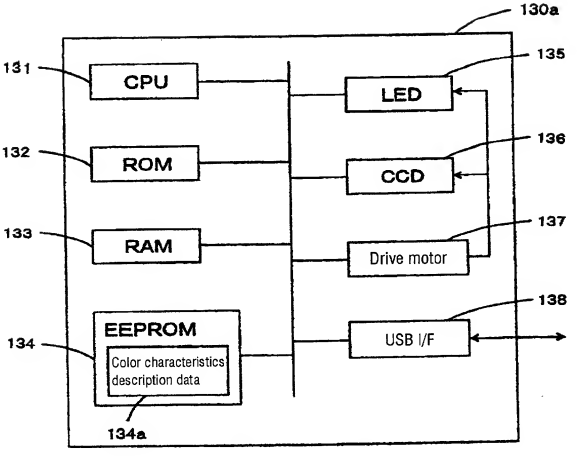


FIG.29

20170802.061700852001

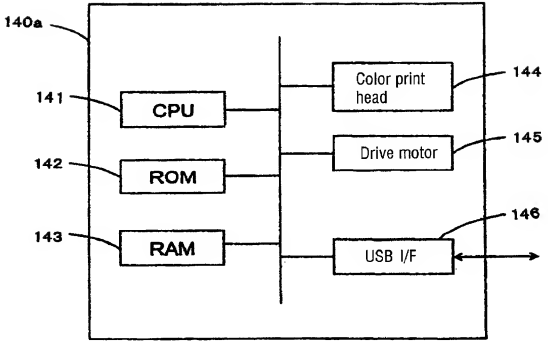


FIG.30

2007904.062702

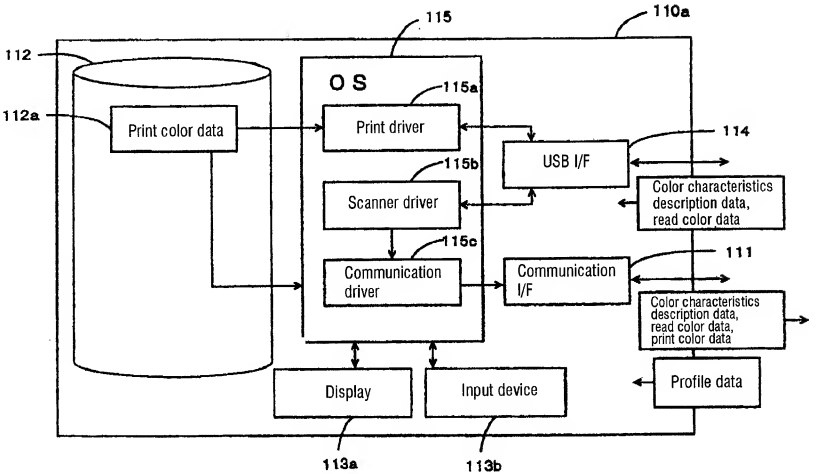


FIG.31

2047904258001

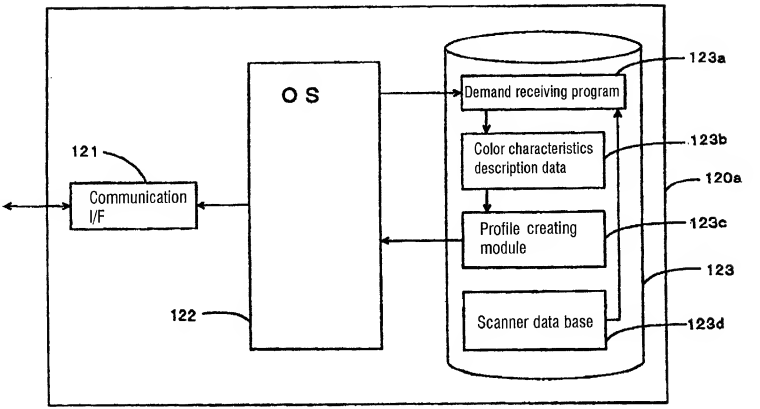


FIG.32

20040225.0450.001

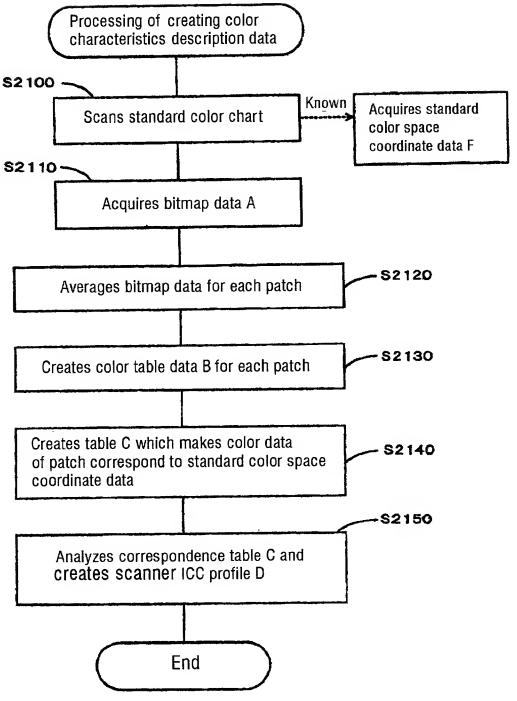


FIG. 33

2027901 04258001

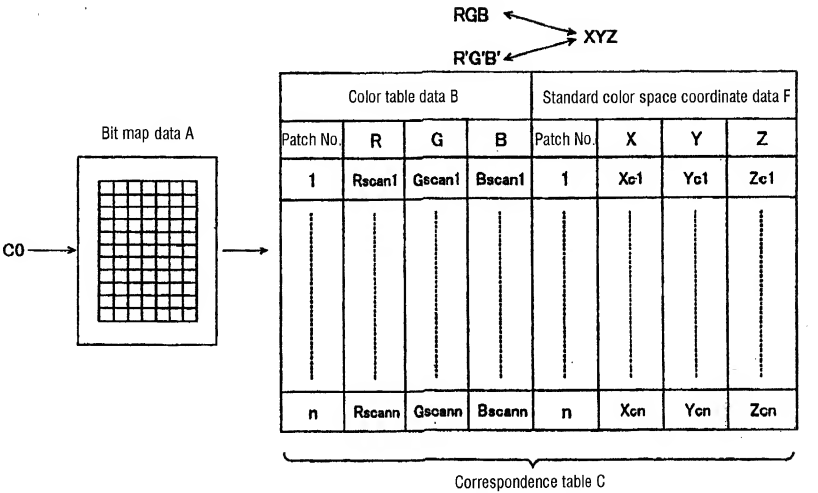
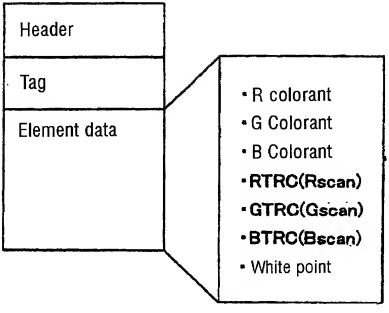


FIG.34

Scanner ICC profile D



$$\begin{pmatrix} X \\ Y \\ Z \end{pmatrix} = \begin{pmatrix} \text{Colorant} \\ \text{matrix} \end{pmatrix} \begin{pmatrix} \text{RTRC(Rscan)} \\ \text{GTRC(Gscan)} \\ \text{BTRC(Bscan)} \end{pmatrix}$$

FIG.35

20170104258001

20150402.0517.02 1008258040

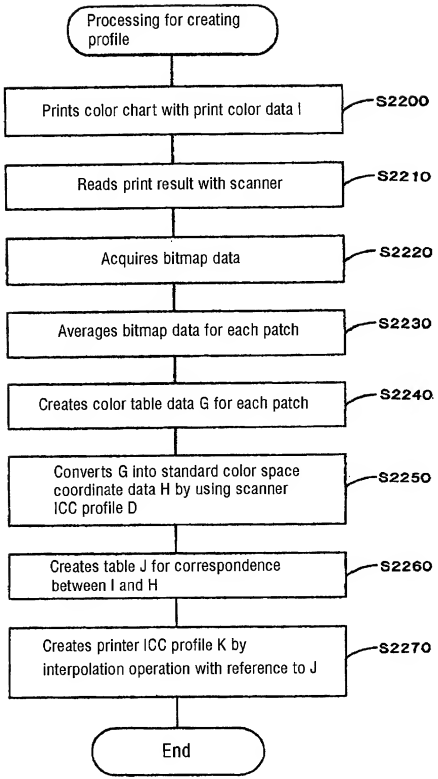


FIG.36

20/190 04258007

Color table data G				Print data I				Standard color space coordinate data H			
Patch No.	R	G	B	Patch No.	R	G	B	Patch No.	X	Y	Z
1	Rprint1	Gprint1	Bprint1	1	Ront1	Gont1	Bont1	1	Xprint1	Yprint1	Zprint1
n	Rprintn	Gprintn	Bprintn	n	Rontn	Gontn	Bontn	n	Xprintn	Yprintn	Zprintn

Correspondence table J

FIG.37

1008240-061702

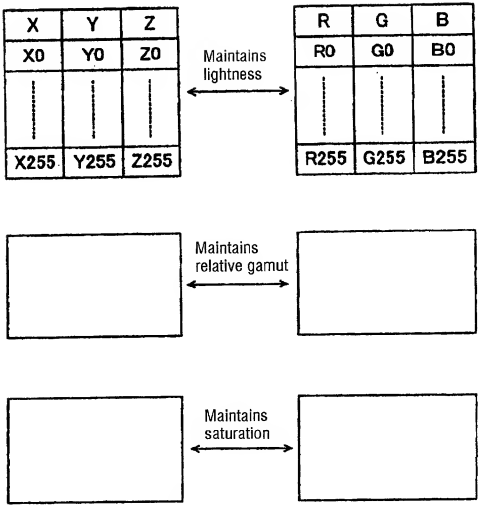


FIG.38

10085240.061702

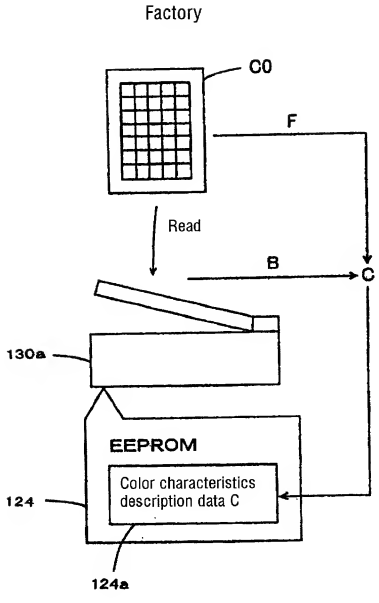


FIG.39

1008524O-061702

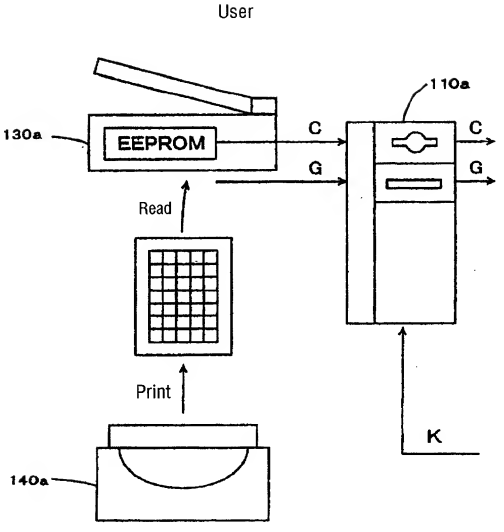


FIG.40

2071901-04258001

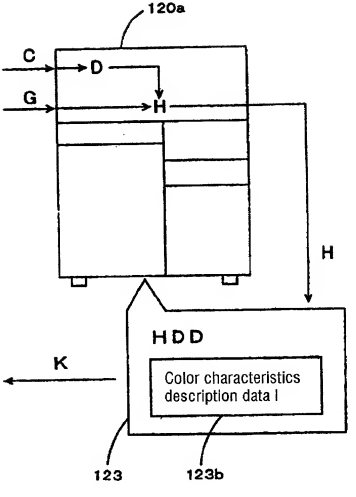


FIG.41

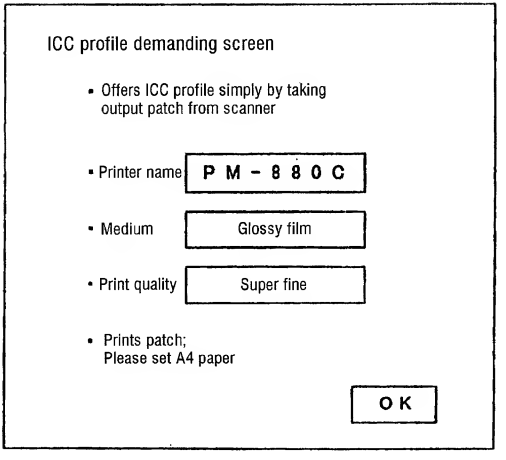

ICC profile demanding screen
• Offers ICC profile simply by taking output patch from scanner
• Printer name
P M - 8 8 0 C
• Medium
Glossy film
• Print quality
Super fine
• Prints patch; Please set A4 paper
O K

FIG.42

EP 1 507 402 A2

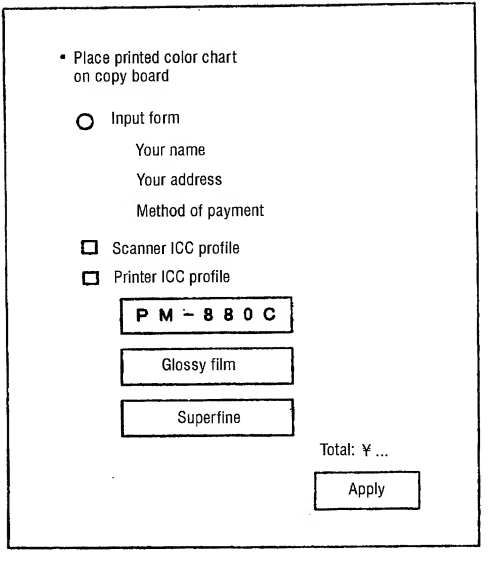


FIG.43

EP 1 008 240 B1 20170802

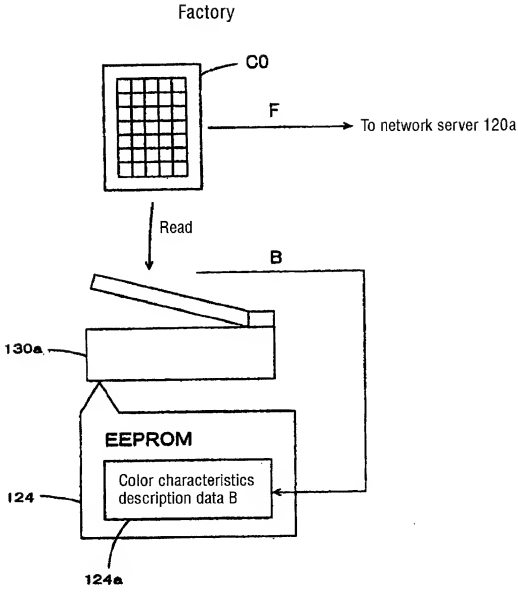


FIG.44

1008524D-051702

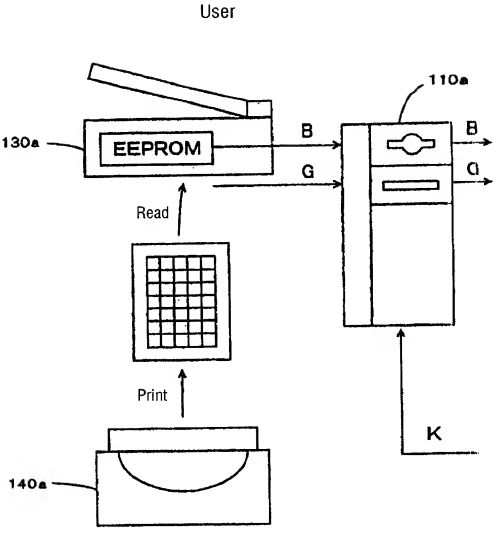


FIG.45

1008240.061702

Server

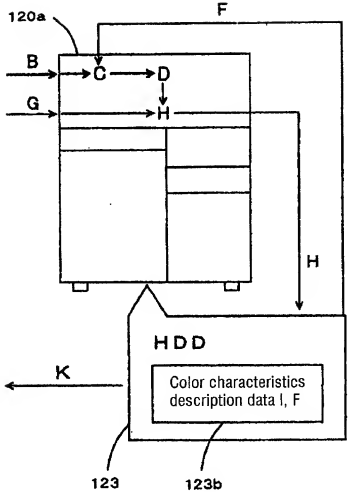


FIG.46

20070802.0617.00852440

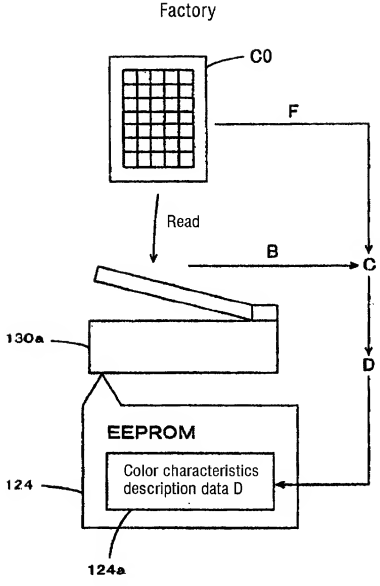


FIG. 47

20070040.0517.02

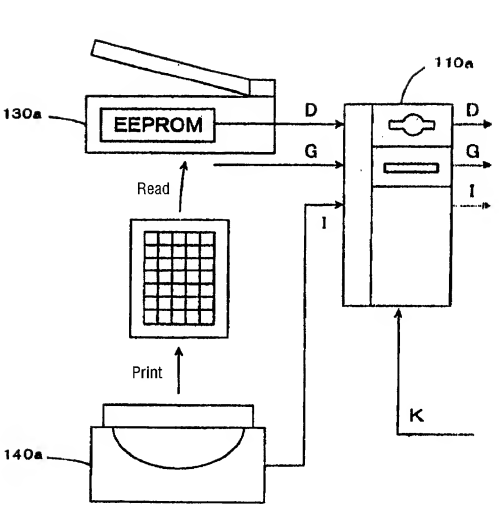


FIG.48

EP 1 061 502 A2 20001220

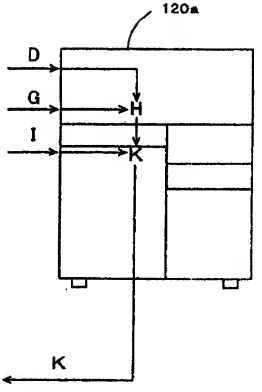


FIG.49

JP2001-061702

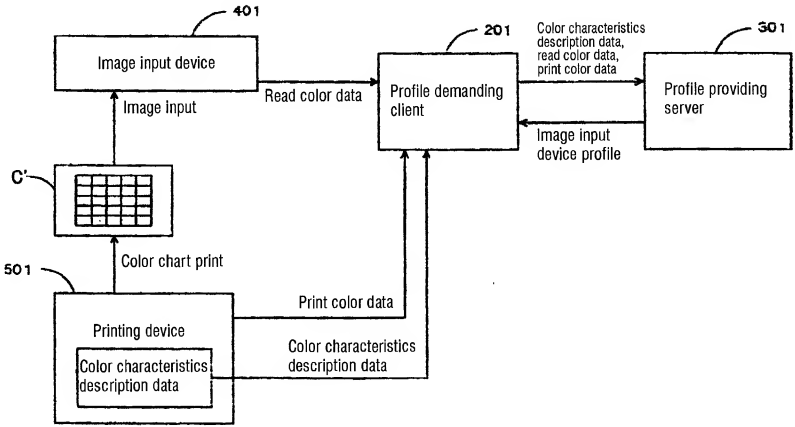


FIG.50